

Form PTO-1449 (modified)		Atty. Docket No. <b>DEBE:056US</b>	Serial No. <b>10/529,700</b>
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant <b>Johannes Bonenberger</b>	
		Filing Date: <b>April 7, 2006</b>	Group: <del>1641</del> <b>1634</b>
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
/NB/	A1	2002/0001853	01/03/02	Obremski <i>et al.</i>	436	518	04/21/98
/NB/	A2	5,516,635	05/14/96	Ekins <i>et al.</i>	435	6	10/15/92

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
/NB/	B1	EP 0 811 842	12/10/97	Europe			Abstract
/NB/	B2	WO 95/15981	06/15/95	WIPO			English

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/NB/	C1	Borchelt <i>et al.</i> , "A vector for expressing foreign genes in the brains and hearts of transgenic mice," <i>Genetic Analysis: Biomolecular Engineering</i> , 13:159-163, 1996.
	C2	Borchelt <i>et al.</i> , "Accelerated amyloid deposition in the brains of transgenic mice coexpressing mutant presenilin 1 and amyloid precursor proteins," <i>Neuron</i> , 19:939-945, 1997.
	C3	Borchelt <i>et al.</i> , "Familial Alzheimer's disease-linked presenilin 1 variants elevated A $\beta$ 1-42/1-40 ratio in vitro and in vivo," <i>Neuron</i> , 17:1005-1013, 1996.
	C4	De Stropper <i>et al.</i> , "Deficiency of presenilin-1 inhibits the normal cleavage of amyloid precursor protein," <i>Nature</i> , 391:387-713, 1998.
	C5	Duff <i>et al.</i> , "Increased amyloid- $\beta$ 42(43) in brains of mice expressing mutant presenilin 1," <i>Nature</i> , 383:710-713, 1996.
	C6	Edbauer <i>et al.</i> , "Reconstitution of $\gamma$ -secretase activity," <i>Nature Cell Biology</i> , 1(5):486-488, 2003.
↓	C7	Evin <i>et al.</i> , "Presenilin I expression in yeast lowers secretion of the amyloid precursor protein," <i>Molecular Neuroscience</i> , 11(2):405-408, 2000.

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EXAMINER:	/Narayan Bhat/	DATE CONSIDERED:	08/31/2007
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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

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Exam. Init.	Ref. Des.	Citation
/NB/	C8	Holcomb <i>et al.</i> , "Accelerated alzheimer-type phenotype in transgenic mice carrying both mutant <i>amyloid precursor protein</i> and <i>presenilin 1</i> transgenes," <i>Nature Medicine</i> , 14:97-100, 1998.
	C9	Iwatsubo <i>et al.</i> , "Visualization of A $\beta$ 42(43) and A $\beta$ 40 in senile plaques with end-specific A $\beta$ monoclonals: evidence that an initially deposited species is A $\beta$ 42(43)," <i>Neuron</i> , 13:45-53, 1994.
	C10	Jarrett <i>et al.</i> , The C-Terminus of the $\beta$ protein is critical in amyloidogenesis," <i>Annals NY Academy of Sciences</i> , 144-148,
	C11	Li <i>et al.</i> , Photoactivated $\gamma$ -secretase inhibitors directed to the active site covalently label presenilin 1," <i>Nature</i> , 405:689-693, 2000.
	C12	Nakamura <i>et al.</i> , "Enzyme immunoassays: heterogeneous and homogeneous systems," <i>In: Handbook of Experimental Immunology</i> (4 <sup>th</sup> Ed), Weir <i>et al.</i> , (eds)1:27.1-27.20.
	C13	Naruse <i>et al.</i> , "Effects of PS1 deficiency on membrane protein trafficking in neurons," <i>Neuron</i> , 21:1213-1221, 1998.
	C14	Roia, F., "Immunizing agents and diagnostic skin antigens," <i>In: Remington's Pharmaceutical Sciences</i> , 18 <sup>th</sup> Ed. Mack Printing Co., 1389-1404, 1990.
	C15	Scheuner <i>et al.</i> , "Secreted amyloid $\beta$ -protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the presenilin 1 and 2 and APP mutations linked to familial Alzheimer's disease," <i>Nature Medicine</i> , 2(8):964-870, 1996.
	C16	Sears <i>et al.</i> , A versatile set of vectors for constitutive and regulated gene expression in <i>Pichia pastoris</i> ," <i>Yeast</i> , 14:783-790, 1998.
	C17	Sisodia <i>et al.</i> , Function and dysfunction of the presenilins," <i>Am. J. Hum. Genet.</i> 65:7-12, 1999.
	C18	Tomita <i>et al.</i> , The presenilin 2 mutation (N141I) linked to familial Alzheimer disease (Volga German families) increases the secretion of amyloid $\beta$ protein ending at the 42 <sup>nd</sup> (or 43 <sup>rd</sup> ) residue," <i>Proc. Natl. Acad. Sci. USA</i> , 94:2025-2030, 1997.
	C19	Uhlén <i>et al.</i> , " $\alpha$ -Haemolysin of uropathogenic <i>E. coli</i> induces $Ca^{2+}$ oscillations in renal epithelial cells," <i>Letters to Nature</i> , 405:694, 2000.
✓	C20	Wolfe <i>et al.</i> , "Two transmembrane aspartates in presenilin-1 required for presenilin endoproteolysis and $\gamma$ -secretase activity," <i>Nature</i> , 398:513-517, 1999.

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